

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 02/07/01

Date Received: 02/01/01

Project: Metro Self Monitor, PO# M65348

Date Extracted: 02/01/01

Date Analyzed: 02/02/01

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Results Reported as mg/L (ppm)

<u>Sample ID</u> Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M65348 102003-01	0.37	0.25	0.32	<0.05
Method Blank	<0.05	<0.05	<0.05	<0.05

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**QUALITY ASSURANCE RESULTS  
FROM TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Laboratory Code: 102003-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	% Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/L (ppm)	5	0.37	97	94	80-120	3
Copper	mg/L (ppm)	5	0.25	98	98	80-120	0
Nickel	mg/L (ppm)	10	0.32	100	95	80-120	5
Zinc	mg/L (ppm)	5	<0.05	109	109	80-120	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	% Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/L (ppm)	5	103	105	80-120	2
Copper	mg/L (ppm)	5	109	109	80-120	0
Nickel	mg/L (ppm)	10	108	108	80-120	0
Zinc	mg/L (ppm)	5	114	115	80-120	1

## SAMPLE CHAIN OF CUSTODY

Send Report To Geno A. Thompson  
 Company Alaskan Copper works  
 Address 628 Harvard St  
 City, State, ZIP Seattle WA 98134  
 Phone # 206 382-8379 Fax # 206 382-4309

SAMPLERS (signature) [Signature]

PROJECT NAME/NO.

metro self monitor

PO #

m65348

REMARKS

Page # \_\_\_\_\_ of \_\_\_\_\_

TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by: \_\_\_\_\_

SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	ce, cy, ni, zn				
m65348	01	2/1/01	12:15	H2O	1							✓				

Friedman & Bruya, Inc.  
 3012 16th Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282  
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Geno A. Thompson</u>	<u>ACW</u>	<u>2/1/01</u>	<u>1:00pm</u>
Received by: <u>[Signature]</u>	<u>Eric Young</u>	<u>FBI</u>	<u>2/1/01</u>	<u>1:00pm</u>
Relinquished by:				
Received by:				



**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

James E. Bruya, Ph.D.  
Charlene Jensen, M.S.  
Bradley T. Benson, B.S.  
Kurt Johnson, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
TEL: (206) 285-8282  
FAX: (206) 283-5044  
e-mail: fbi@isomedia.com

February 7, 2001

**DUPLICATE COPY**

**INVOICE #01ACU0207-1**

Accounts Payable  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M65348 - Results of testing requested by  
Gerry Thompson for material submitted on February 1, 2001.

1 sample analyzed for Total Chromium, Copper, Nickel  
and Zinc by Method 6010 @ \$80 per sample

\$ 80.00

Amount Due .....

\$ 80.00

FEDERAL TAX ID #(b) (6)

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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3012 16th Avenue West  
Seattle, WA 98119-2029  
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February 7, 2001

Gerry Thompson, Project Manager  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

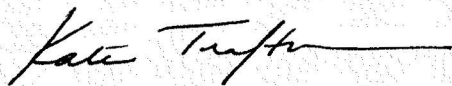
Dear Mr. Thompson:

Included are the results from the testing of material submitted on February 1, 2001 from your Metro Self Monitor, PO# M65348 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Kate Trafton  
Project Manager

Enclosures  
ACU0207R.DOC